

**Schoenoplectus pungens Herbaceous Vegetation**

COMMON NAME	Threesquare Herbaceous Vegetation
SYNONYM	Bulrush Wet Meadow
PHYSIOGNOMIC CLASS	Herbaceous Vegetation (V)
PHYSIOGNOMIC SUBCLASS	Perennial graminoid vegetation (V.A)
PHYSIOGNOMIC GROUP	Temperate or subpolar grassland (V.A.5)
PHYSIOGNOMIC SUBGROUP	Natural/Semi-natural (V.A.5.N)
FORMATION	Semipermanently flooded temperate or subpolar grassland (V.A.5.N.1)
ALLIANCE	SCHOENOPECTUS PUNGENS SEMIPERMANENTLY FLOODED HERBACEOUS ALLIANCE
CLASSIFICATION CONFIDENCE LEVEL	2
USFWS WETLAND SYSTEM	PALUSTRINE

RANGE

**Lacreek National Wildlife Refuge**

This rare unit is comprised of stands that are less than 0.5 ha in size.

**Globally**

This community is found in the western United States in the intermountain basins, as well as in western parts of the Great Plains, from Montana south to Colorado, and west into Nevada, Utah, and Wyoming.

ENVIRONMENTAL DESCRIPTION

**Lacreek National Wildlife Refuge**

Stands of this community type occur in small, isolated depressions where the water table intersects the surface. Hydrologic conditions are very similar to those of the Hardstem bulrush type.

**Globally**

Stands of this widespread association are found throughout much of the western U.S. in appropriate wetland habitat. Elevations range from 1000-2400 m. Stands occur along low-gradient, meandering, usually perennial streams, around the margins of ponds and marshes, in low-lying swales, and abandoned or overflow channels where the soils remain saturated. (Hansen et al. 1995, Kittel et al. 1999, Jones and Walford 1995, Walford 1996). It also occurs on silt and sand bars within the active channel. Soils are generally derived from alluvium and are fine-textured, black, alkaline, organic anoxic with gleying. Soils range from normal to saline with pH ranging from 7.4-9.1.

MOST ABUNDANT SPECIES

**Lacreek National Wildlife Refuge**

<u>Stratum</u>	<u>Species</u>
GRAMINOID	<i>Schoenoplectus pungens</i>

**Globally**

<u>Stratum</u>	<u>Species</u>
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GRAMINOID      *Schoenoplectus pungens*

CHARACTERISTIC SPECIES

***LaCreek National Wildlife Refuge***

<u>Stratum</u>	<u>Species</u>
GRAMINOID	<i>Schoenoplectus pungens</i>

***Globally***

<u>Stratum</u>	<u>Species</u>
GRAMINOID	<i>Schoenoplectus pungens</i>

VEGETATION DESCRIPTION

***LaCreek National Wildlife Refuge***

The vegetation is typically 0.5 to 2 m in height with foliar cover approaching 100%. Other wetland species common to LNWR are usually present in low abundance.

***Globally***

This widespread wetland association is characterized by a dense, 0.3- to 0.6-m tall herbaceous vegetation layer that is dominated by *Schoenoplectus pungens* (= *Scirpus pungens*). Associated species include *Schoenoplectus maritimus* (= *Scirpus maritimus*), *Spartina gracilis*, *Hordeum jubatum*, *Pascopyrum smithii*, *Juncus balticus*, *Eleocharis palustris*, *Lemna minor*, *Sagittaria latifolia*, and *Typha* spp. Stands of this association contain no tree or shrub layer, but a few scattered trees and shrubs may be present, most commonly *Populus deltoides*, *Salix amygdaloides*, *Salix exigua*, *Symphoricarpos occidentalis*, or *Sarcobatus vermiculatus*.

OTHER NOTEWORTHY SPECIES

CONSERVATION RANK    G3G4.

DATABASE CODE    C EGL001587

COMMENTS

***LaCreek National Wildlife Refuge***

(n/a)

***Globally***

(n/a)

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